## Amendments to the Specification

----Please replace the section of the specification entitled **BRIEF DESCRIPTION OF THE DRAWINGS** on pages 6-7 with the section below. The replacement section has been marked up to show changes made relative to the immediate prior version.

## BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows examples of applications applicable to the present invention.

FIG. 2 shows an example of the server side and the client side of the present invention connected through a transmission medium.

FIG. 3 shows one set of steps to implement one embodiment of the invention.

FIG. 4 shows examples of appliance-specific transducers in the present invention.

FIG. 5 shows one embodiment of the adaptive transmission transducer of the present invention.

FIG. 6 shows examples of the characteristics of transmission media for the present invention.

FIG. 7 shows examples of ways to select the compression algorithms based on the computation power of the client and the input data type in the present invention.

FIGS. 8A-B show examples of network protocols selected by the adaptive packetizer under different conditions in the present invention.

FIGS. 9A-B illustrate an example of a decision tree of the present invention for a Web browsing application.

FIG. 10 illustrates a flowchart of a method in accordance with one embodiment of the present invention for re-formatting contents depending on a characteristic of a specific class of device and preference of a user.

FIG. 11 illustrates a block diagram of various components comprising one embodiment in accordance with the present invention.

Same numerals in Figures 1-~~9~~ 11 are assigned to similar elements in all the figures. Embodiments of the invention are discussed below with reference to Figures 1-~~9~~ 11. However, those skilled in the art will readily appreciate that the detailed description given herein with respect to these figures is for explanatory purposes as the invention extends beyond these limited embodiments.

----Please replace the paragraph beginning on page 15, line 12 and ending on page 15, line 15 with the paragraph below. This replacement paragraph has been marked up to show changes made relative to the immediate prior version.

As illustrated in FIG. 10 and FIG. 11, ~~One~~ one embodiment of the present invention includes an image generator 1102, and a customizer to re-format a pre-determined rendition of contents, such as a Web page, into a new rendition, for a specific class of devices, based on preferences of content providers or end users or both.

----Please replace the paragraph beginning on page 15, line 17 and ending on page 15, line 23 with the paragraph below. This replacement paragraph has been marked up to show changes made relative to the immediate prior version.

One embodiment of re-formatting includes three windows on a display 1108. One window 1110 shows an image of the original rendition of the contents, and another window 1112 shows a preview of the new rendition, which can include the image of the new rendition as shown in a simulated image of the specific class of devices. The images can be generated by the image generator (step 1002). The third window 1114 shows a control panel, which is a user-interface of the customizer, to allow a content provider or an end user to re-format the original rendition.

----Please replace the paragraph beginning on page 15, line 25 and ending on page 16, line 10 with the paragraph below. This replacement paragraph has been marked up to show changes made relative to the immediate prior version.

Using the control panel, a content provider, can identify an area in the original rendition, and place it as a component in the new rendition (step 1004). This can be done in a number of ways. For example, the customizer can include a section identifier 1104 and a section manipulator 1106. The identifier identifies a section 1116 in the original rendition. After the section is identified, the manipulator copies that section, and automatically places it as a component 1118 in the new rendition 1120. This could be achieved through a drag-and-drop metaphor. Based on the section identifier, a user can navigate from section to section in the original rendition, such as moving from the header to the left hand column. If the user wants a particular section, the user can highlight it. The section manipulator can then automatically place a copy of the section into the new rendition in a format selected by the user (step 1006). The format desired can be set by a function key in the control panel. For example, if the original format is in three different columns, by clicking a list key, contents in the columns are transformed into a single list to be placed in the new format. The position of the list can be set by a position key in the control panel.